

The power behind competitiveness

Delta UPS - Amplon Family

N Series, Single Phase
1/2/3 kVA

High-performance power protection with greater energy savings

The Amplon N series is a true online double-conversion UPS that can provide your critical equipment with reliable, stable sine wave power. It features significant advantages, including an output power factor of 0.9 and up to 93% AC-AC efficiency for greater energy savings. The Amplon N series provides a safe power supply guaranteed for mission critical applications such as work stations, POS, ATMs, servers, and more.

Availability

- True online double-conversion topology and zero transfer time to battery ensure high reliability
- Advanced DSP (Digital Signal Processor) controller for fast computation capability and a simplified control circuit for enhanced stability
- Wide input voltage range allows the UPS to work in harsh electrical environments
- Generator compatibility ensures continuous and reliable power

Green with Low TCO

- High input power factor (> 0.99) and low input harmonic distortion (iTHD < 3%) save upstream investment
- Output power factor up to 0.9 presents a stronger load capacity
- AC-AC efficiency up to 93% and high efficiency of 91% at 50% load results in marked energy cost savings
- Compact design saves more space for critical equipment

Intelligent Management

- Excellent local communications through LCD display
- Intelligent battery management maximizes battery performance and sustains battery life
- Mini slot and USB port enhance monitoring and manageability



Server



Network



POS



Banking



Smarter. Greener. Together.

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| Technical Specifications | | | | |
|--------------------------|-----------------------------|---|--------------------|---------------------------------------|
| Model | | N-1K | N-2K | N-3K |
| Power Rating | | 1kVA/0.9kW | 2kVA/1.8kW | 3kVA/2.7kW |
| Input | Nominal Voltage | 220/230/240 Vac | | |
| | Voltage range | 175 ~ 280 Vac (full load) | | |
| | Frequency | 50/60 Hz ± 10 Hz | | |
| | Power Factor | > 0.99 (full load) | | |
| | Current Harmonic Distortion | < 3% | | |
| Output | Power Factor | 0.9* | | |
| | Voltage | 220/230/240 Vac | | |
| | Frequency | 50/60 Hz ± 0.05 Hz | | |
| | Voltage Harmonic Distortion | < 3% (linear load) | | |
| | Overload Capability | < 105%: continuous; 105% ~ 125% : 1 minutes ; 125% ~ 150% : 30 seconds | | |
| | Crest Factor | 3:1 | | |
| | Receptacle | India socket x 3 | India socket x 4 | India socket x4, Terminal block x1 |
| | | | | |
| Efficiency | AC-AC | 91% | Up to 93% | |
| Battery | Battery Voltage | 24 Vdc | 48 Vdc | 72 Vdc |
| | Typical Backup Time | Up to 7 Min.** | | |
| | Recharge Time | 3hrs to 90% *** | | |
| | Charge Current | Standard model:1.5A Long backup model: 4A (up to 8A with optional inbuilt charger) | | |
| Audible Noise | | < 43 dBA | < 48 dBA | |
| Display | | LCD panel | | |
| Interface | | MINI Slot x 1 · USB Port x 1 | | |
| Physical | Dimensions (Wx Dx H) | 145 x 320 x 225 mm | 190 x 390 x 325 mm | |
| | Weight (Standard model) | 9.7 kg | 19.1 kg | 24.9 kg |
| | Weight (Long backup model) | 4.4 kg | 8.2 kg | 8.5 kg |
| Environment | Operating Temperature | 0 ~ 40° C | | |
| | Relative Humidity | 5% ~ 95% (non-condensing) | | |

* Long backup model is 0.8

** When the total load reaches 75%.

*** Long backup model depends on the capacity of external battery packs.

All specifications are subject to change without prior notice.



LCD Panel



Advanced UPS Management
Software - UPSentry



Delta offers a full range of UPS solutions from 600 VA to 4000 kVA to fulfill your power security needs.



2007~ 2008 Forbes Asia's
Fabulous 50



2009 Frost & Sullivan
Green Excellence Award for
Corporate Leadership



Delta's Manufacturing
System is Certified by
ISO 9001 and ISO 14001
Standards



IECQ Certificate of
Hazardous Substance
Process Management

